



Department of Mechanical Engineering  
Indian Institute of Technology Gandhinagar

# One-day workshop on Crafting Precision: A Hands-On CNC Milling

This one-day workshop is designed to provide participants with a comprehensive understanding of CNC milling, covering both theory and hands-on practical sessions. Whether you are a seasoned professional or a beginner in the field, this workshop offers valuable insights, expert guidance, and an opportunity to enhance your skills in precision machining.

February 24, 2024

IIT Gandhinagar

## Key Highlights

**Morning Theory Session:** Delve into the basics of CNC milling, engraving techniques, and CAD design.

Apply your knowledge in real time with hands-on exercises on CNC milling machines.

Receive a participant e-certificate recognizing your commitment and achievement.

## Workshop Highlights

### Morning Session (10:00 AM - 1:00 PM):

- Introduction to CNC Milling
- Basic Concepts of CNC Milling
- CNC Engraving Techniques
- Practice of CAD Design

### Afternoon Session (2:30 PM - 5:00 PM):

- Importing CAD to CAM
- Toolpath Generation
- Work Offset Strategies
- Simulation of Toolpath
- Hands-on CNC Milling Machine Operation

Practical hands-on experience

Understanding of CNC milling

E-certificate of participation for each attendee

Maximum  
**20**  
participants

## Contact

Mr Ashish Pandey  
ashishpandey@iitgnac.in  
+91 97 2683 2827

## Instructor

Mr M Armugam



## Registration Details

Registration Form: [tiny.cc/CNC-Milling](https://tiny.cc/CNC-Milling)  
Registration Fees: Rs 500/- + GST